UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

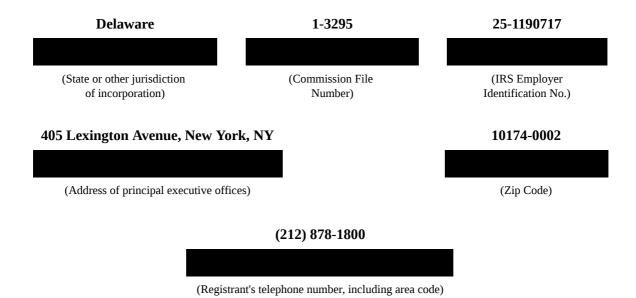
FORM 8-K

CURRENT REPORT Pursuant To Section 13 OR 15(d) of The Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): October 31, 2006

MINERALS TECHNOLOGIES INC.

(Exact name of registrant as specified in its charter)



Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions.

- [] Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- [] Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- [] Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- [] Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 5.02 Departure of Directors or Principal Officers; Election of Directors; Appointment of Principal Officers.

b) On November 1, 2006, Minerals Technologies Inc. issued a press release announcing that Jean-Paul Vallès, Ph.D., chairman emeritus, has resigned from its Board of Directors effective October 31, 2006. A copy of the press release is included as Exhibit 99 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.

- (c) Exhibits
 - 99 Press Release dated November 1, 2006

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

MINERALS TECHNOLOGIES INC.

(Registrant)

By: /s/ Kirk G. Forrest

Name: Kirk G. Forrest

Title: Vice President; General Counsel

and Secretary

Date: November 1, 2006

99

MINERALS TECHNOLOGIES INC. EXHIBIT INDEX

News

For Immediate Release November 1, 2006 Contact:

Rick B. Honey (212) 878-1831

JEAN-PAUL VALLÈS RESIGNS FROM MINERALS TECHNOLOGIES INC. BOARD OF DIRECTORS

Served as Chairman and CEO from MTI's IPO in 1992 to 2001

NEW YORK, November 1—Minerals Technologies Inc. (**NYSE: MTX**) announced that Jean-Paul Vallès, Ph.D., chairman emeritus, has resigned from the company's Board of Directors, effective yesterday. Dr. Vallès tendered his resignation soon after reaching his 70th birthday, which, he said, had been his original plan for stepping down from the Board.

"Jean-Paul Vallès is really the 'father' of Minerals Technologies Inc." said Paul R. Saueracker, chairman, president and chief executive officer. "J-P took this company public in 1992 through an initial public offering from Pfizer Inc, and served as chairman and CEO from then until 2001, when he was named chairman emeritus of the Board. During that time, our sales grew from \$394 million to \$671 million. His vision, strategic insight and business acumen were instrumental in the growth and profitability of our research-based company."

Before joining Minerals Technologies, Jean-Paul Vallès had a long and distinguished career at Pfizer Inc, which he joined in 1968. While there, he assumed positions of increasing responsibility, including vice president of finance and chief financial officer, senior vice president, executive vice president and vice chairman. Dr. Vallès served on the Board of Directors of Pfizer from 1980 to 2005.

Minerals Technologies Inc. is a resource- and technology-based company that develops, produces and markets worldwide a broad range of specialty mineral, mineral-based and synthetic mineral products and related systems and services.

####

For further information about Minerals Technologies Inc. look on the Internet at http://www.mineralstech.com